Syllabus
MSCI 490 – Materials Science Research Project Spring 2015

Instructor Information

Instructor: Prof. Emilie Ringe
Office Location: GRB E200J
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Grading: standard letter
Office Hours: by appointment, in addition to bi-weekly one-on-one meetings to be scheduled individually

Course Identification

Course Number: MSCI 490 004 CRN 24257
Course Name: Materials Science Research Project

Course Description and Objectives

Independent investigation of a scientific problem under the guidance of a faculty member. Can include literature review, laboratory experiments or computational analysis.
The objective of the course is to provide the student an opportunity to participate in a hands-on research project or investigation of a topic that is not included in another courses or projects.

Evaluation and Grade Policy

In order to obtain credit for the course the student must submit a written report on the research work done during the semester, and present orally their findings in the form of a powerpoint presentation.

The written report must include the following: a. Title of project, b. Introduction – statement of the problem or topic, c. Review of Literature, d. Experimental approach, e. Results, f. Discussion and Conclusions, g. References - a list of references cited in the manuscript in an appropriate format
The completed document must be submitted by the last day of the semester.

The final grade is based on the quality of the scientific work, understanding the topic and formatting the final document. The research project is a variable credit hour course, the final grade considers the proportionality of the credit earned and the work done. Students are to attend group meetings and bi-weekly one-on-one meetings in addition to performing research work; they are expected to notify the instructor of any absences to such required meetings.
No textbook or special material is required.
Any student with a disability requiring accommodations in this class is encouraged to contact the instructor. Additionally, students should contact the coordinator for Disabled Student Services in Allen Center.